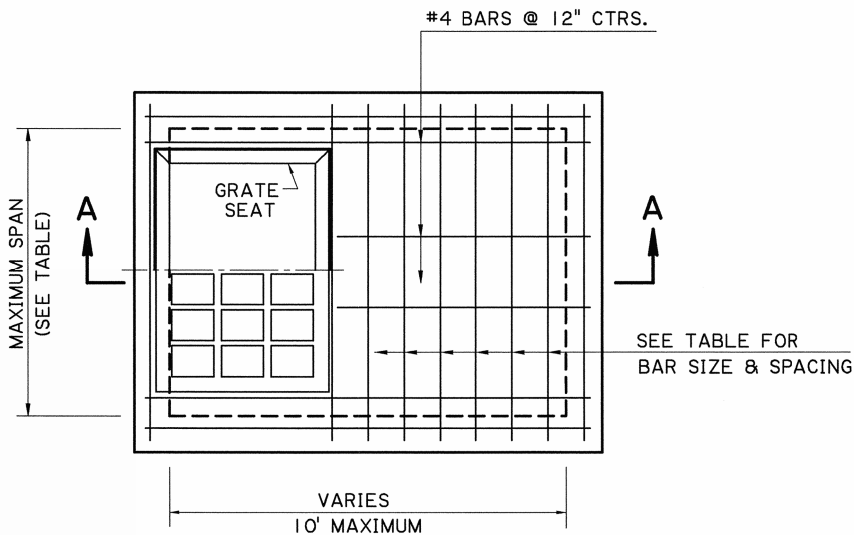


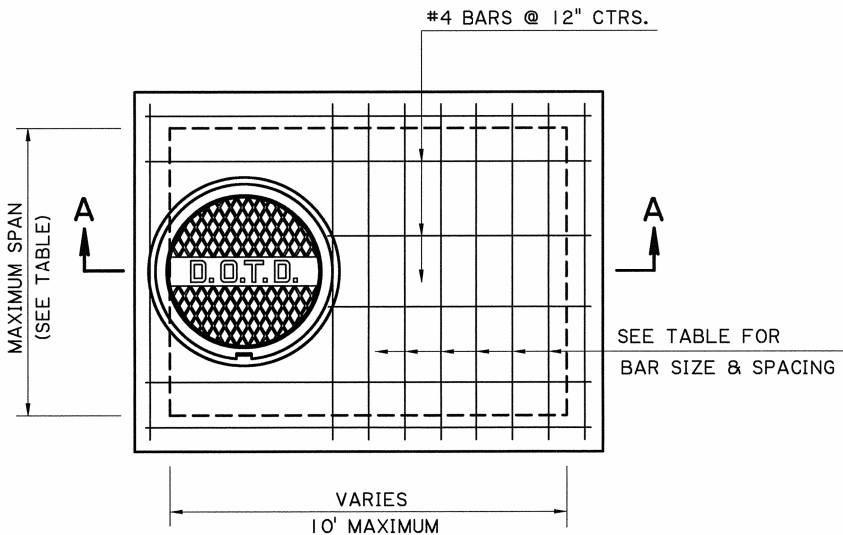
SECTION
EXISTING STRUCTURE



CATCH BASIN PLAN

SHOWING NEW CONSTRUCTION
GRATE TO BE TYPE "B" OR "C".
TYPE "B" SHOWN.*

- * TYPE "B" AND "C" GRATES SHOULD NOT BE USED IN THE TRAVEL LANE.
- TYPE "B" GRATE IS TO BE USED WHERE NO PEDESTRIAN TRAFFIC AND NO VEHICULAR TRAFFIC IS EXPECTED. (DITCHES, ETC.)
- TYPE "C" GRATE IS TO BE USED WHERE PEDESTRIAN TRAFFIC AND/OR LIGHT VEHICULAR TRAFFIC IS EXPECTED. (DRIVEWAYS, SHOULDERS, ETC.)

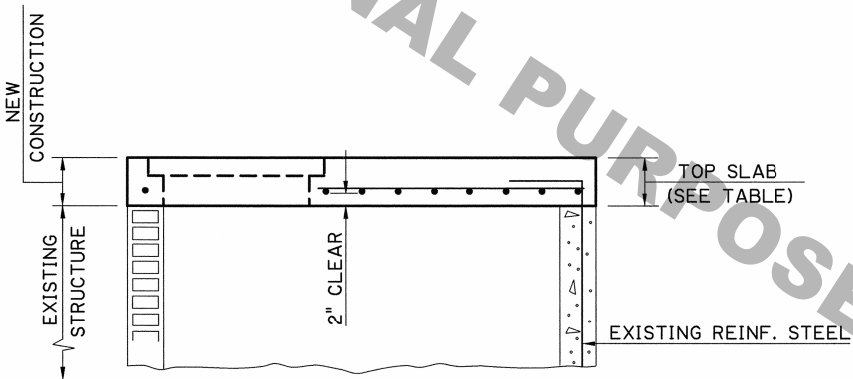


MANHOLE PLAN

SHOWING NEW CONSTRUCTION

GENERAL NOTES:

- DIMENSIONS RELATING TO REINFORCED STEEL ARE TO BARS CENTERS.
- FOR DETAILS OF CATCH BASIN GRATE AND SEAT, SEE STD. PLAN MC-01 (TYPE B OR C).
- FOR DETAILS OF MANHOLE CAST IRON COVER AND SEAT, SEE STD. PLAN MC-01 (TYPE K OR K₁).
- PROJECT SPECIFICATIONS FOR MANHOLES, JUNCTION BOXES AND CATCH BASINS SHALL APPLY.



SECTION A-A

SHOWING NEW CONSTRUCTION FOR CATCH BASIN OR MANHOLE
(FOR CONCRETE OR BRICK WALL)

MAXIMUM SPAN	TOP SLAB	BAR SIZE	BAR SPACING
4'	8"	#5	8"
6'	8 1/2"	#5	6"
8'	9 1/2"	#5	5"
9'	10 1/2"	#5	4"

ADJUSTMENT/CONVERSION OF EXISTING CATCH BASINS OR MANHOLES

- NOTE: 1) FOR ALL CATCH BASIN ADJUSTMENTS, THIS DETAIL SHOULD BE INCLUDED IN THE PLANS AND PAID FOR AS PAY ITEM "ADJUSTING CATCH BASINS".
- 2) FOR ALL CATCH BASIN AND MANHOLE CONVERSIONS (CATCH BASIN TOP TO MANHOLE TOP OR MANHOLE TOP TO CATCH BASIN TOP), THIS DETAIL SHOULD BE INCLUDED IN THE PLANS ALONG WITH THE APPROPRIATE STANDARD PLAN/SPECIAL DETAIL TO CONSTRUCT THE NEW TOP. IF NO STANDARD PLAN/SPECIAL DETAIL IS INCLUDED, THE TOP IS TO BE BUILT AS SHOWN ON THIS DETAIL. ALL CONVERSIONS SHOULD BE PAID FOR AS PAY ITEM "NS-MS-00120".
- 3) FOR ALL MANHOLE ADJUSTMENTS GREATER THAN 7", THIS DETAIL SHOULD BE INCLUDED IN THE PLANS AND PAID FOR AS PAY ITEM "ADJUSTING MANHOLES".
- 4) FOR ALL MANHOLE ADJUSTMENTS LESS THAN OR EQUAL TO 7", MANHOLE ADJUSTMENT RINGS MAY BE USED. PAYMENT SHALL BE UNDER PAY ITEM "ADJUSTING MANHOLES WITH MANHOLE ADJUSTMENT RINGS" AND NO DETAIL IS NEEDED IN THE PLANS. REFER TO STANDARD PLAN MC-01.
- 5) FOR ALL CATCH BASIN/MANHOLE ADJUSTMENTS, CLEAN EXISTING GRATES/FRAMES AS PER PROJECT SPECIFICATIONS FOR MANHOLES, JUNCTION BOXES AND CATCH BASINS.



M. Hashemieh
12/21/2010

ADJUSTMENT/CONVERSION
OF EXISTING CATCH BASINS
OR MANHOLES

HYDRAULICS
SECTION

REVISION DESCRIPTION

NO.	DATE	REVISION DESCRIPTION
1	8-12-98	Changed sheet border & added name
2	5-2-00	New sheet added
3	10-18-05	Added 9' max. span to table.
4	9-24-09	Added Notes 1,2,3,4. Rev. Type "N" Grate to "C"
5	12-21-10	Revised note 2 for conversions, general revisions

DESIGNED
CHECKED
PAA

DATE
2-7-90

SHEET
1 OF 1

PARISH

FEDERAL
PROJECT

STATE
PROJECT

LABORATORY

23-DEC-2010 10:05

IP_PWP:dms09539\CB-ADJUST.dgn